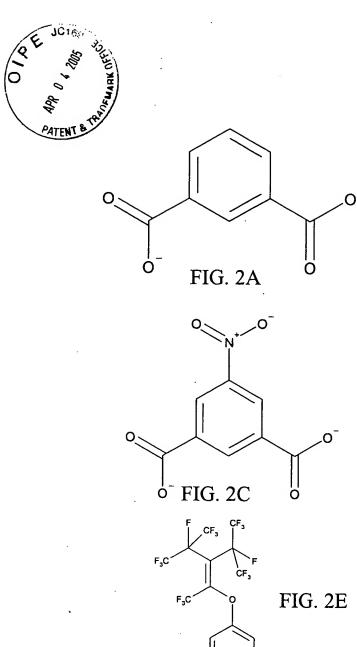




FIG. 1A

FIG. 1B

FIG. 1C





o



FIG. 2R



FIG. 2Y

FIG. 2Z

FIG. 2AA

FIG. 2BB

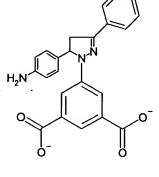


FIG. 2 CC

FIG.2 DD

FIG. 2 EE

FIG. 2 FF



FIG. 2 HH

H₃C
$$\stackrel{\circ}{\downarrow}$$
 $\stackrel{\circ}{\downarrow}$ $\stackrel{\circ}{\downarrow}$

FIG. 2 II

FIG. 2 JJ

$$\begin{array}{c} \text{H,C} \\ \text{ } \\$$

FIG. 2 KK

FIG. 2 LL

FIG. 2 NN



FIG. 3G

FIG. 3F



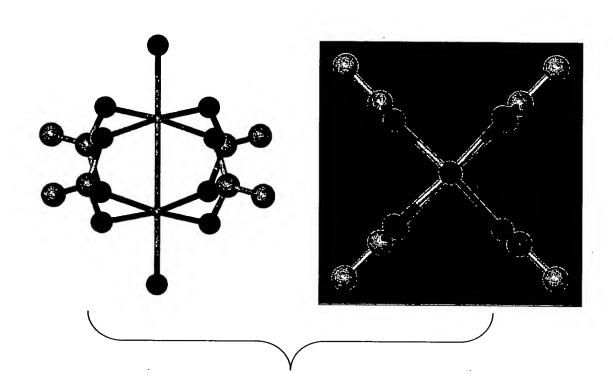
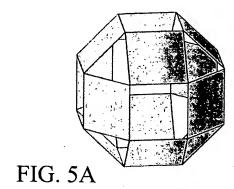
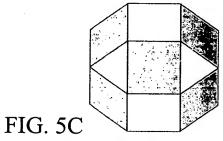
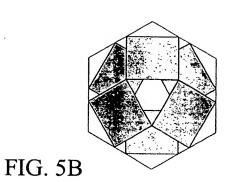


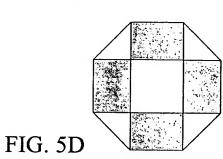
FIG. 4

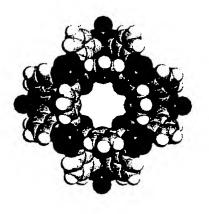














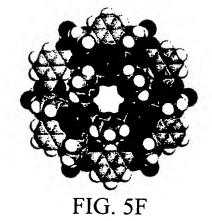
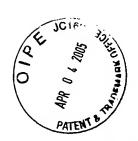
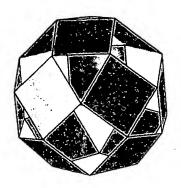
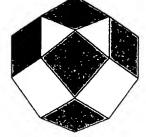
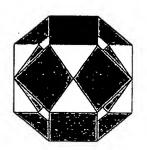


FIG. 5G









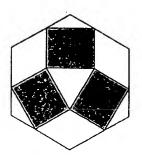


FIG. 6A

FIG. 6B

FIG. 6C

FIG. 6D

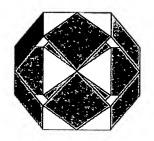


FIG. 6E

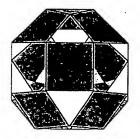


FIG. 6F

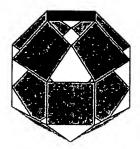


FIG. 6G

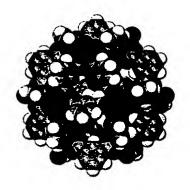


FIG.6H

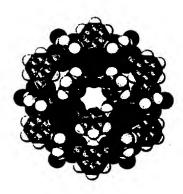


FIG.6I

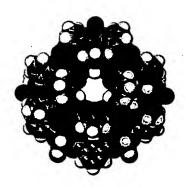


FIG.6J



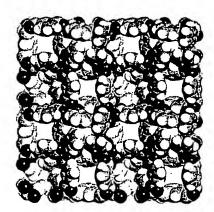


FIG.7A

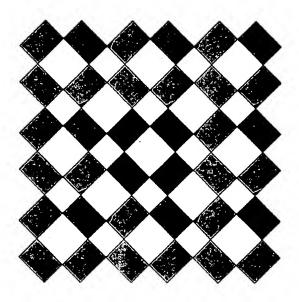


FIG.7B



FIG.7C



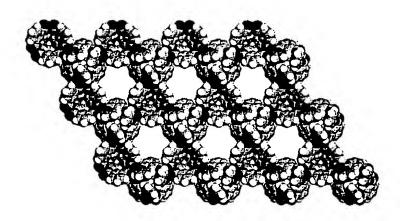


FIG.8A

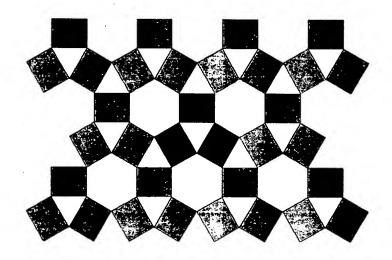


FIG.8B

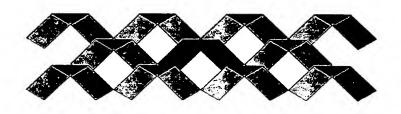


FIG.8C



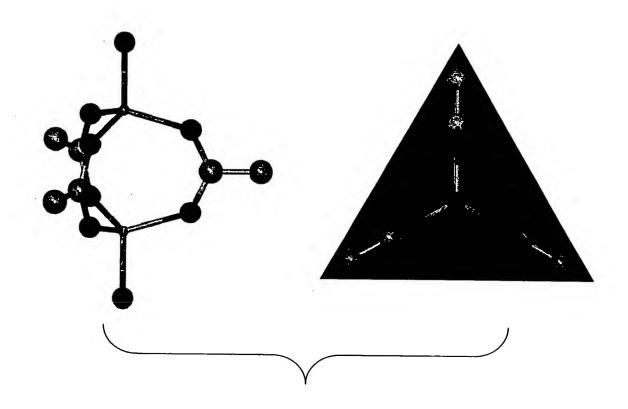


FIG. 9



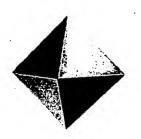


FIG.10A



FIG.10B



FIG.10C



FIG.10D



FIG.10E

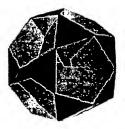


FIG.10F

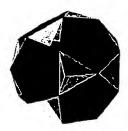


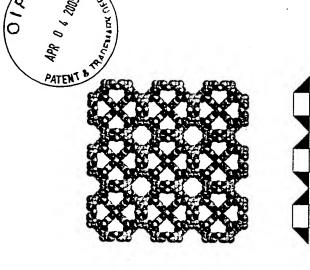
FIG.10G

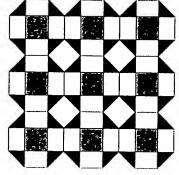


FIG.10H



FIG.10I





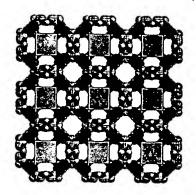
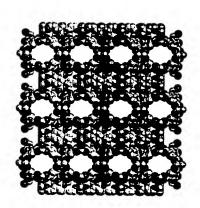
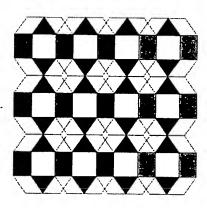


FIG. 11A

FIG. 11B

FIG. 11C





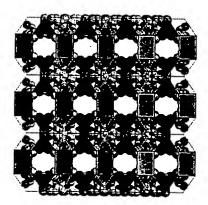
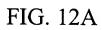


FIG. 11D

FIG. 11E

FIG. 11F





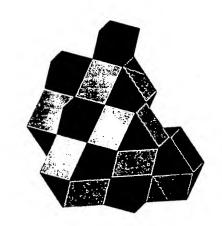


FIG. 12B



FIG. 12C



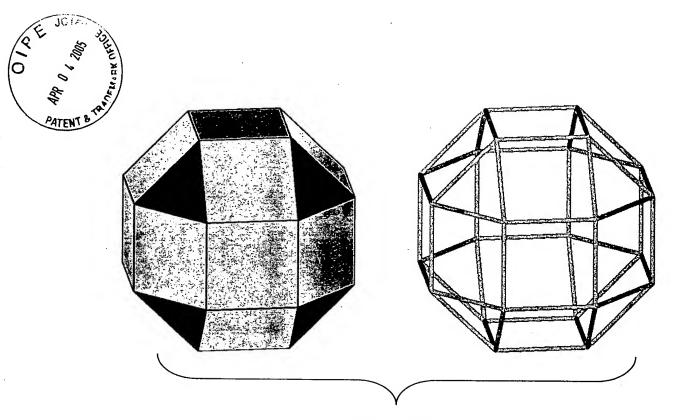


FIG. 13A

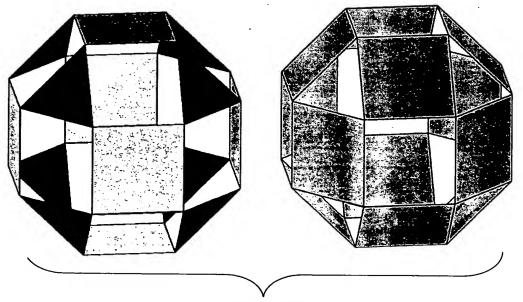


FIG. 13B



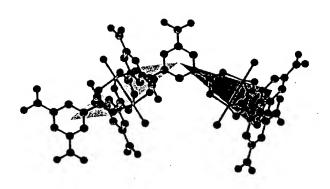


FIG. 14A

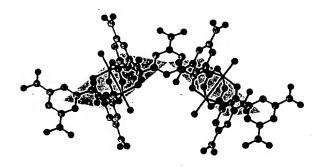
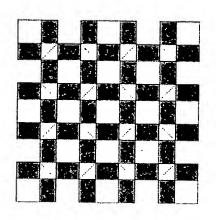
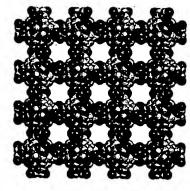


FIG. 14B







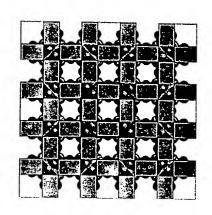
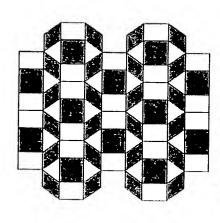
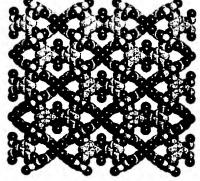


FIG. 15A

FIG. 15B

FIG. 15C





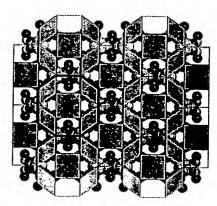


FIG. 15D

FIG. 15E

FIG. 15F

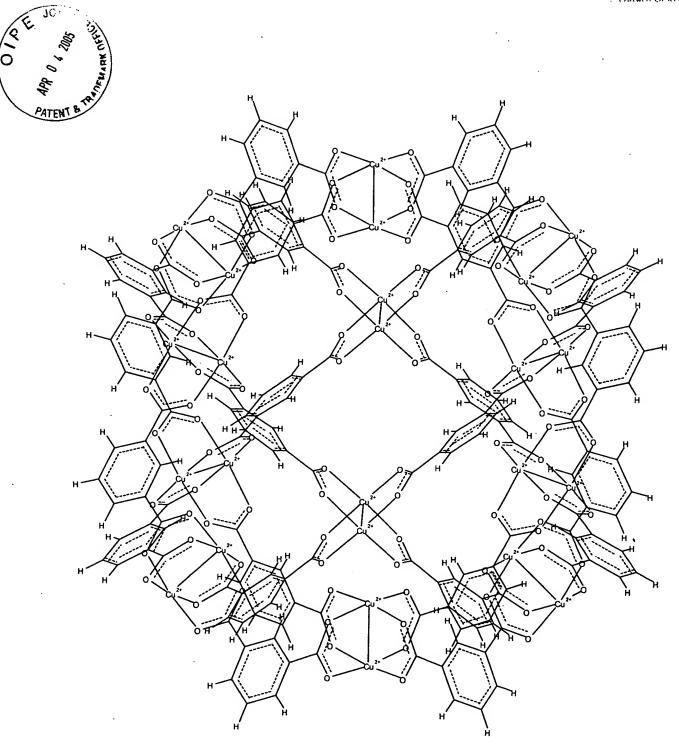


FIG. 16

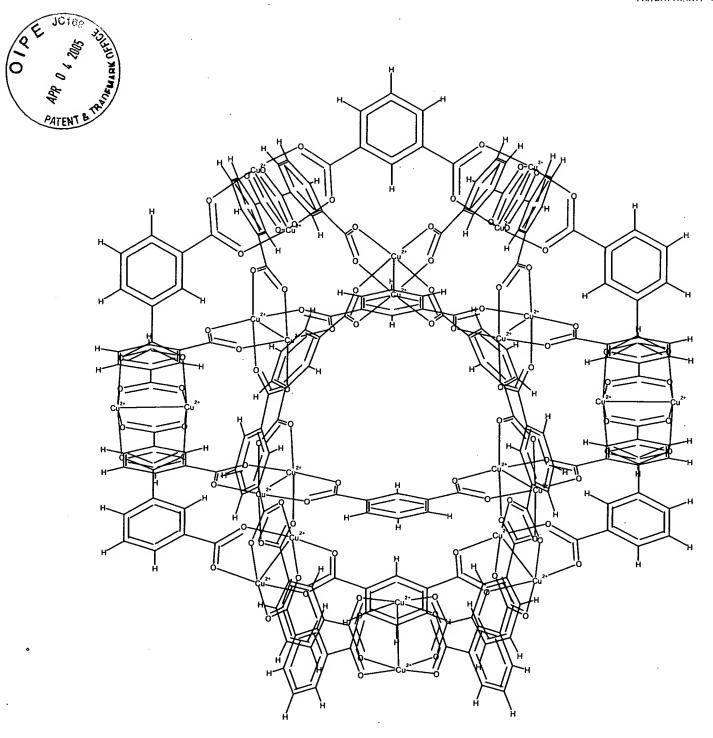


FIG. 17



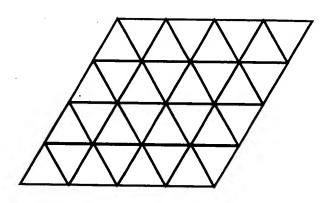


FIG. 18A

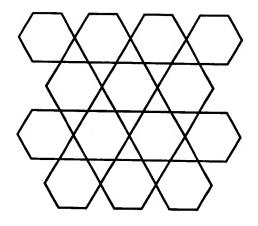


FIG. 18B



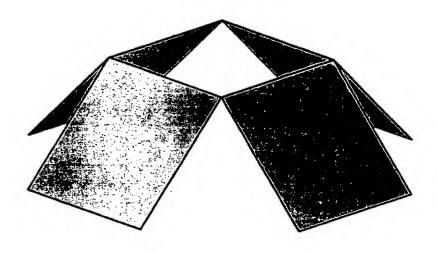


FIG. 19A

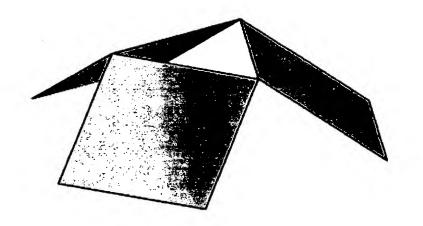


FIG. 19B



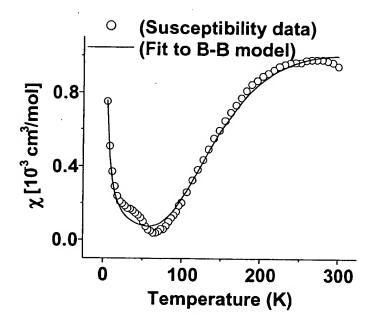


FIG. 20A

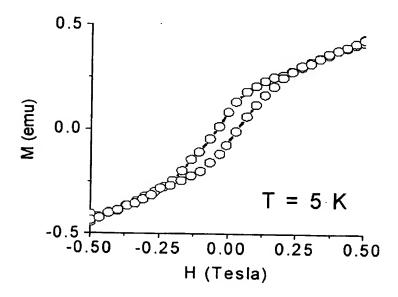


FIG. 20B



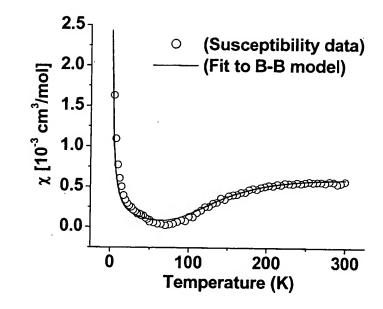


FIG. 21A

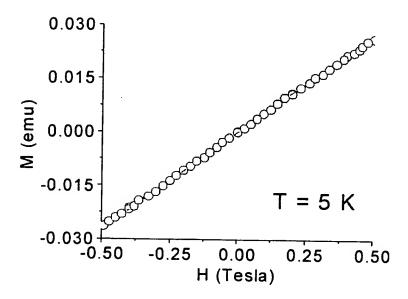


FIG. 21B



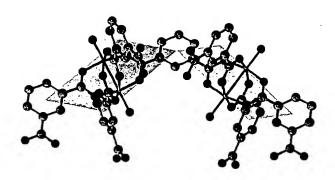


FIG. 22

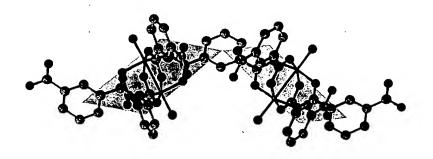


FIG. 23



FIG. 24A

Actually 72°, but can sustain distortion to 90° (proven by molecular modelling experiments)

FIG. 24B

FIG. 24C



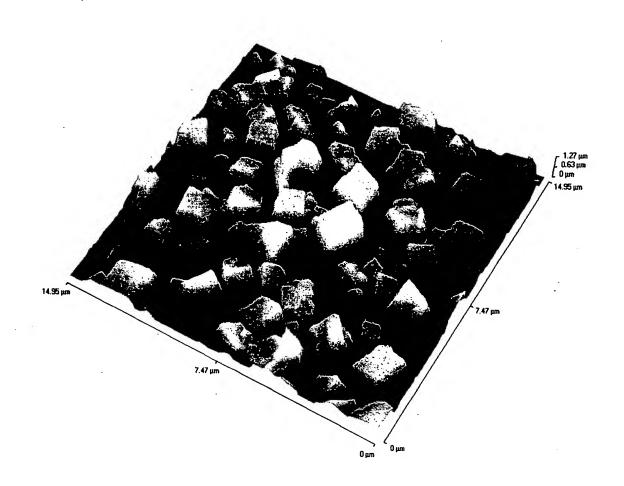


FIG. 25



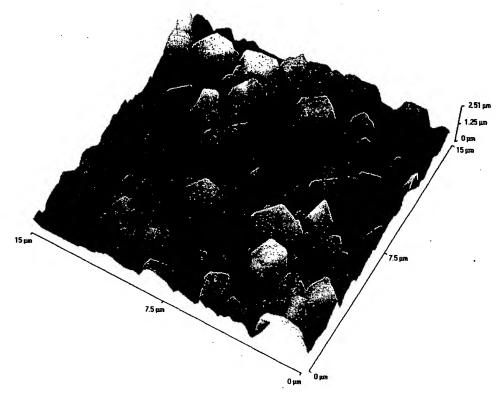


FIG. 26

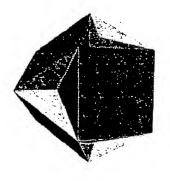


FIG. 27

FIG. 28

FIG. 29





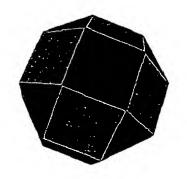




FIG. 1A

FIG. 1B

FIG. 1C

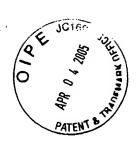






FIG. 2R



FIG. 2Z

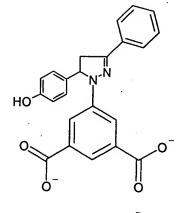
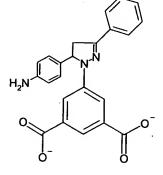


FIG. 2AA



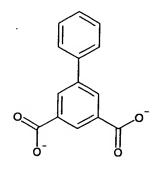




FIG. 2 HH

H₃C
$$\stackrel{\circ}{\downarrow}_{n}$$
 $\stackrel{\circ}{\downarrow}_{n}$ $\stackrel{\circ}{\downarrow}_$

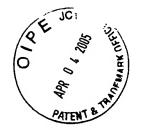
FIG. 2 II

FIG. 2 JJ

FIG. 2 KK

FIG. 2 LL

FIG. 2 NN



$$O$$
 N
 N
 O
 O

FIG. 3E

FIG. 3G

FIG. 3F



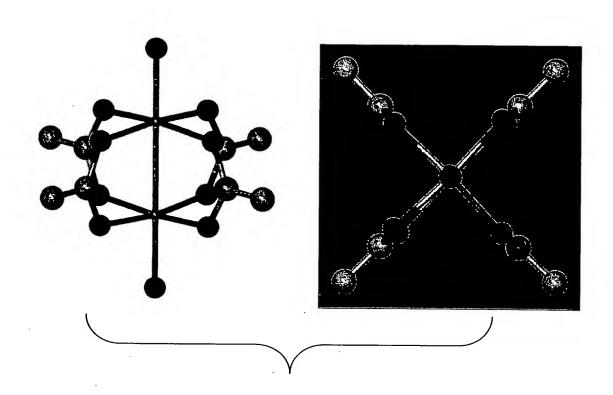


FIG. 4



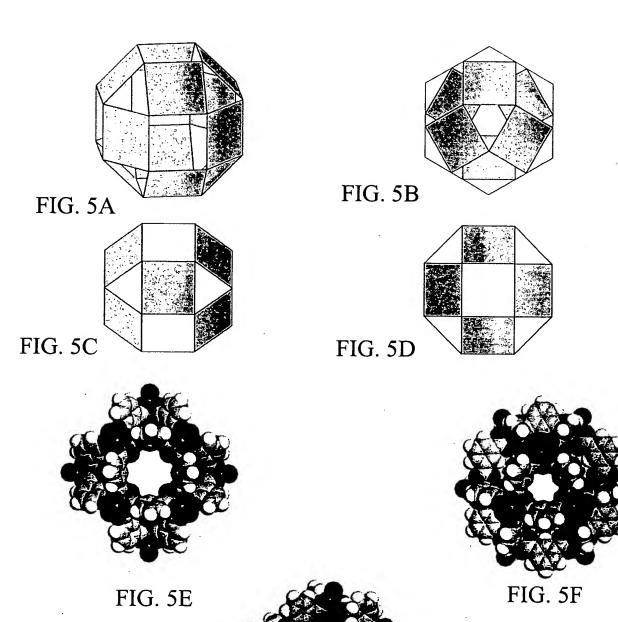
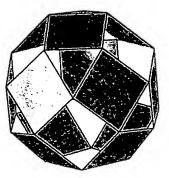
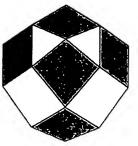


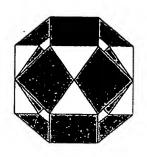
FIG. 5G











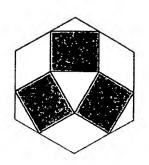


FIG. 6A

FIG. 6B

FIG. 6C

FIG. 6D

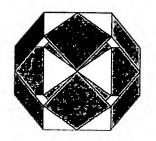


FIG. 6E

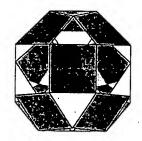


FIG. 6F

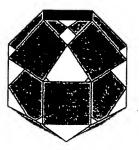


FIG. 6G

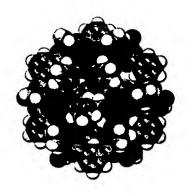


FIG.6H

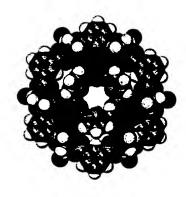


FIG.6I

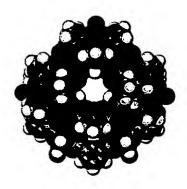


FIG.6J



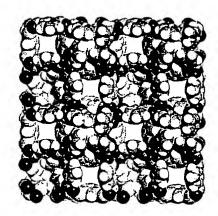


FIG.7A

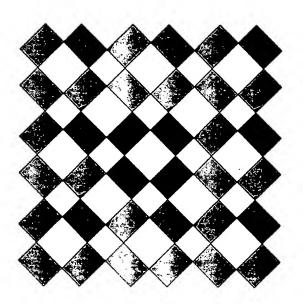


FIG.7B

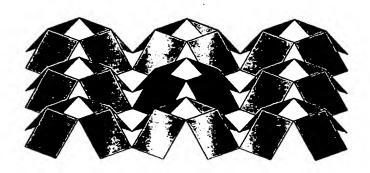


FIG.7C



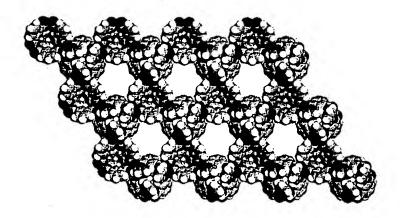


FIG.8A

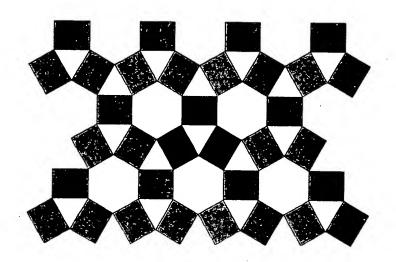


FIG.8B



FIG.8C



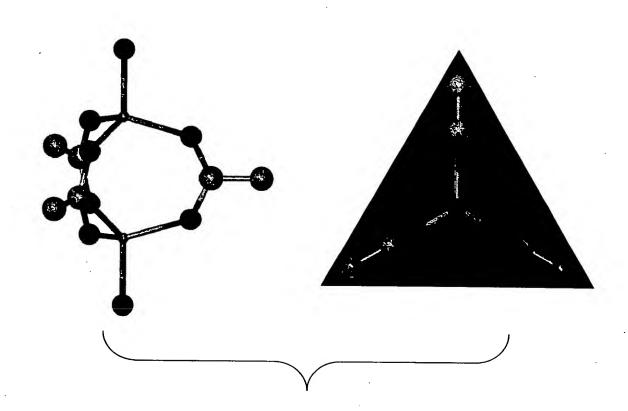


FIG. 9



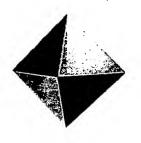


FIG.10A



FIG.10B



FIG.10C



FIG.10D



FIG.10E



FIG.10F



FIG.10G

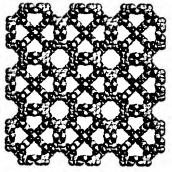


FIG.10H

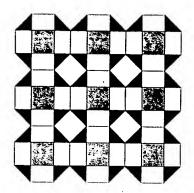


FIG.10I









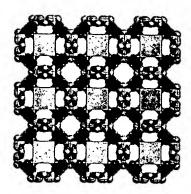
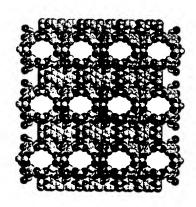


FIG. 11A

FIG. 11B

FIG. 11C





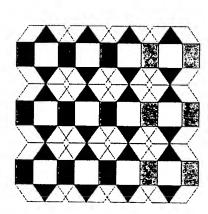


FIG. 11E

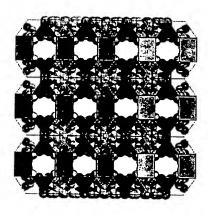


FIG. 11F



16/29 10/083,781 Filed February 25, 2002 (Zaworotko, Moulton)

FIG. 12A

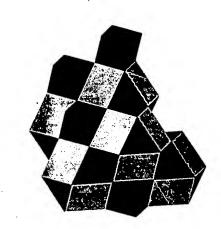


FIG. 12B

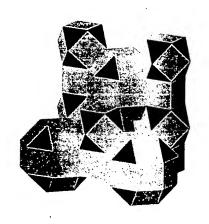


FIG. 12C





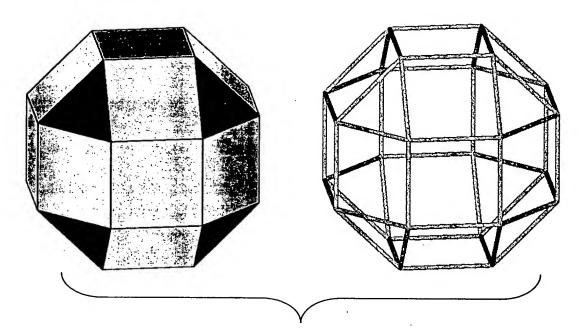


FIG. 13A

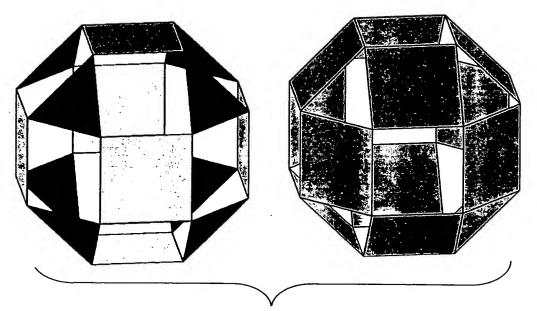
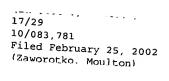


FIG. 13B





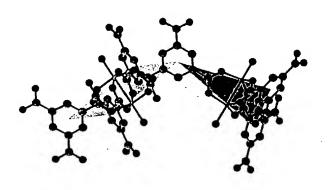


FIG. 14A

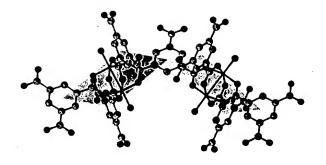
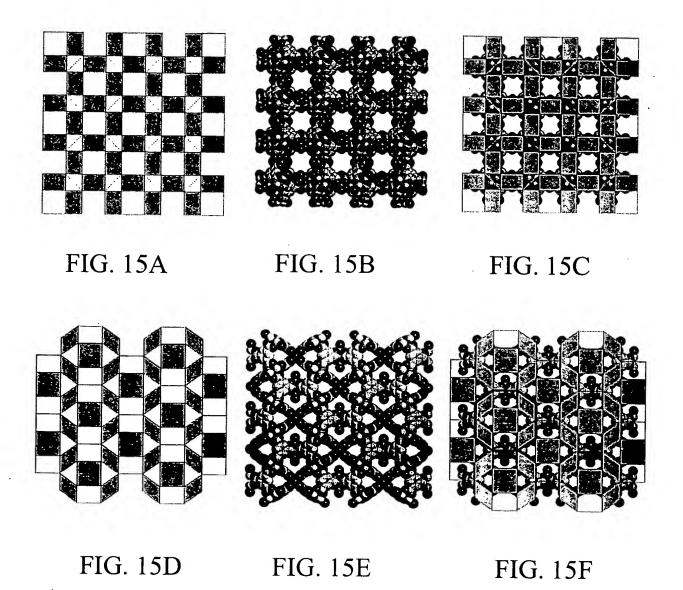


FIG. 14B



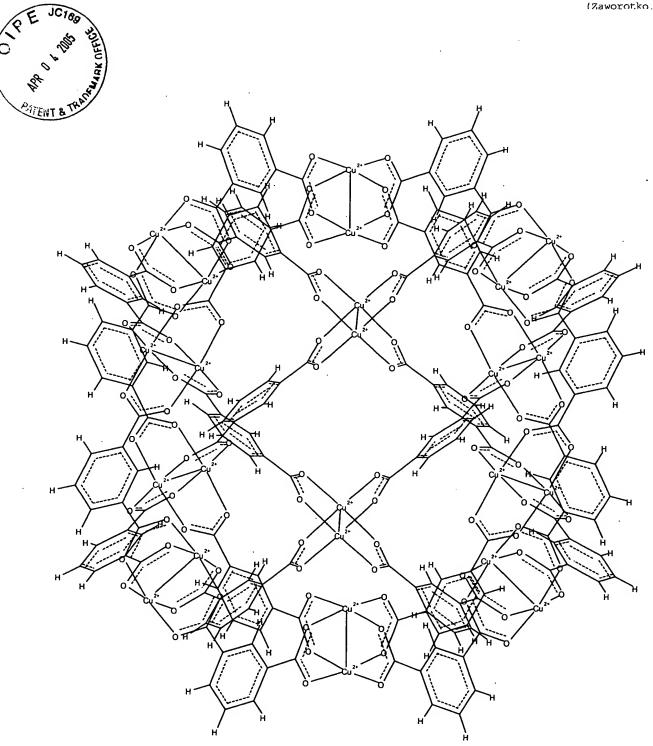


FIG. 16

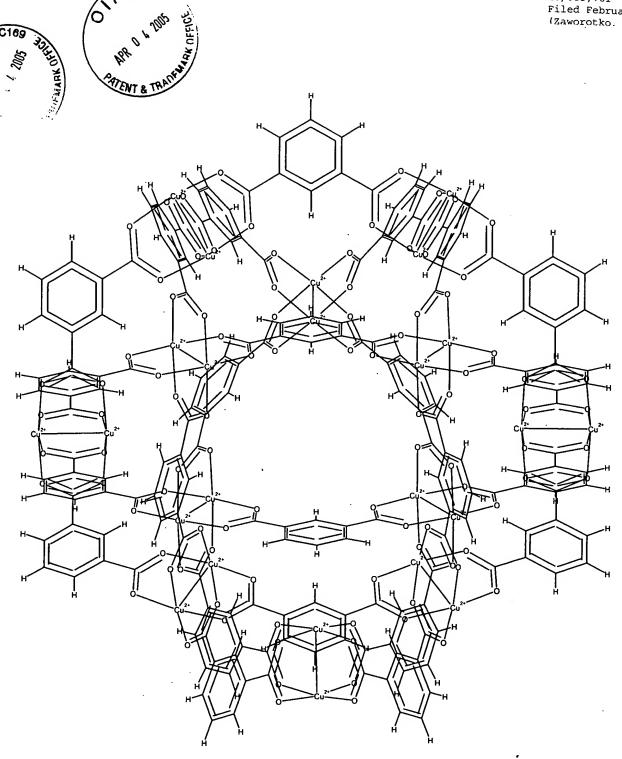


FIG. 17



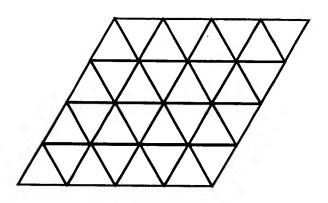


FIG. 18A

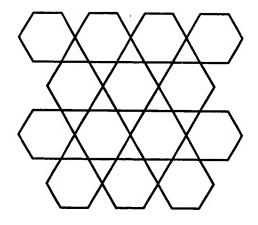


FIG. 18B



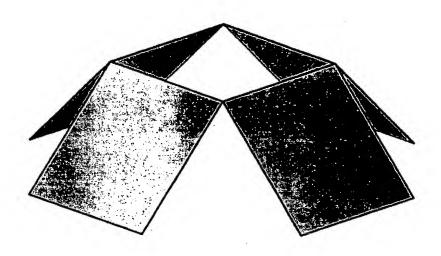


FIG. 19A

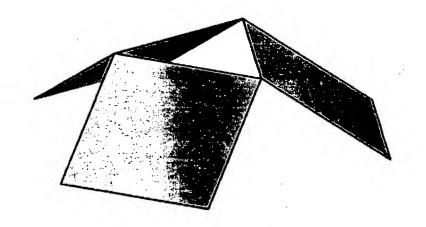


FIG. 19B



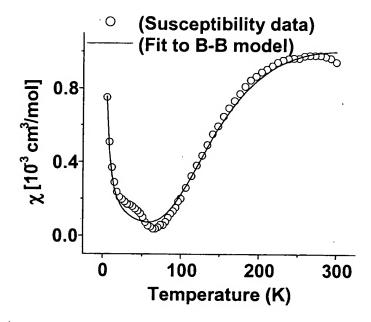


FIG. 20A

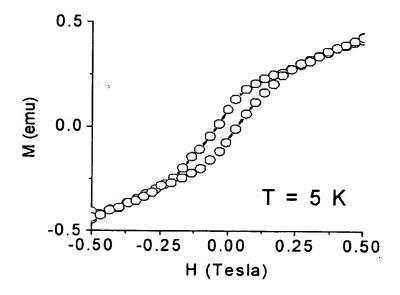


FIG. 20B



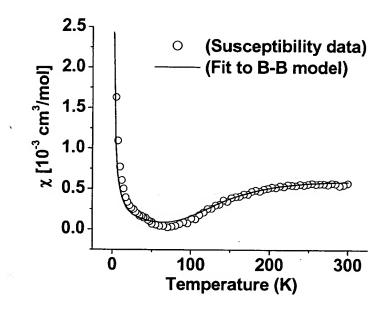


FIG. 21A

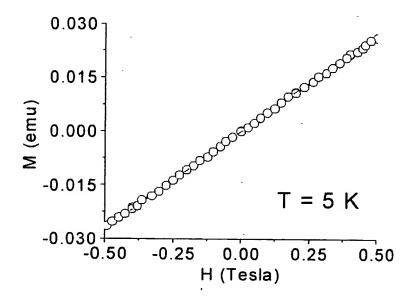


FIG. 21B



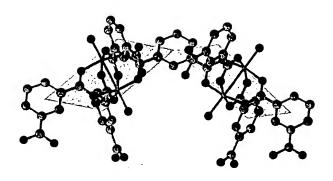


FIG. 22

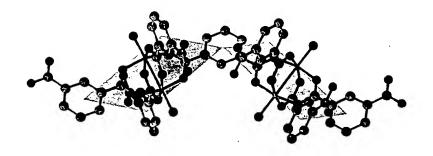


FIG. 23

FIG. 24A

Actually 72°, but can sustain distortion to 90° (proven by molecular modelling experiments)

FIG. 24B

FIG. 24C



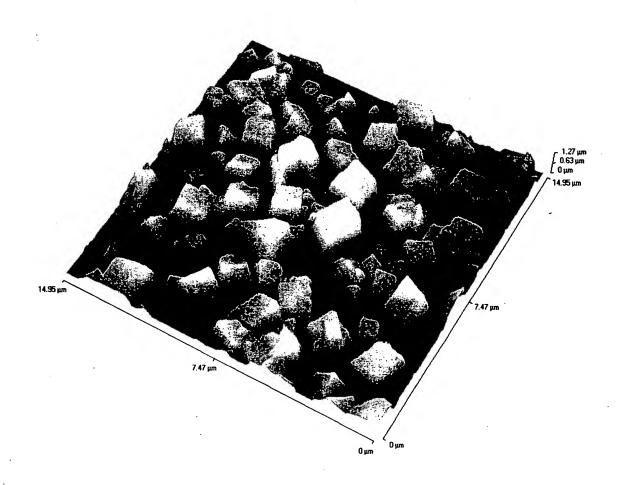


FIG. 25



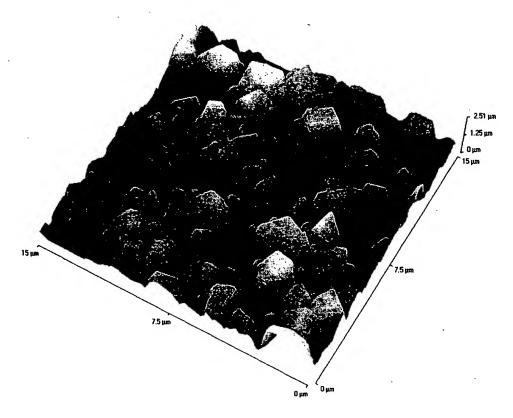


FIG. 26

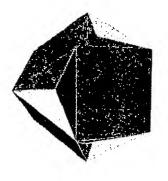


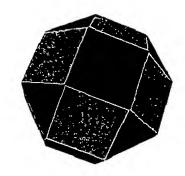
FIG. 28

FIG. 29

FIG. 27







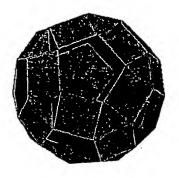
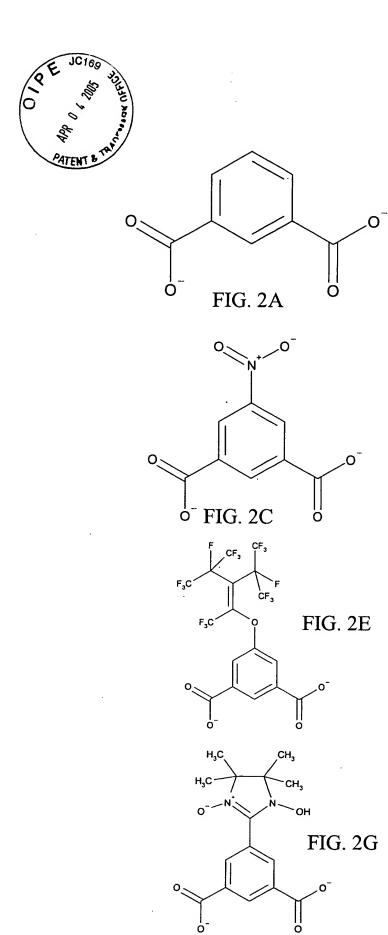


FIG. 1A

FIG. 1B

FIG. 1C



n = 9, 11, 15, 18



FIG. 2K



FIG. 2R

Ho

n = 17 FIG. 2T

FIG. 2X



FIG. 2Y

FIG. 2Z

FIG. 2AA

FIG. 2BB

FIG. 2 CC

FIG.2 DD

FIG. 2 EE

FIG. 2 FF



FIG. 2 HH

FIG. 2 JJ

$$\begin{array}{c} \text{H,C} \\ \text{ } \\$$

FIG. 2 KK

FIG. 2 LL

FIG. 2 NN



FIG. 3E

FIG. 3G

FIG. 3F

FIG. 3D



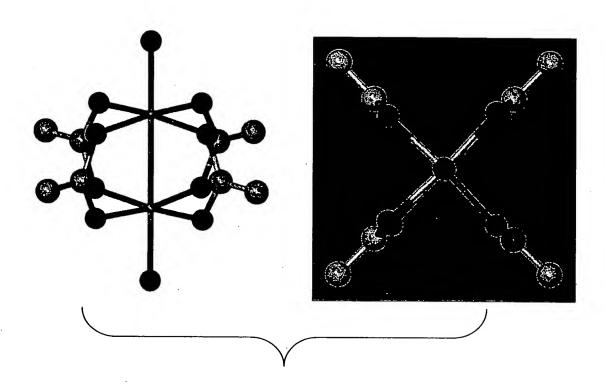
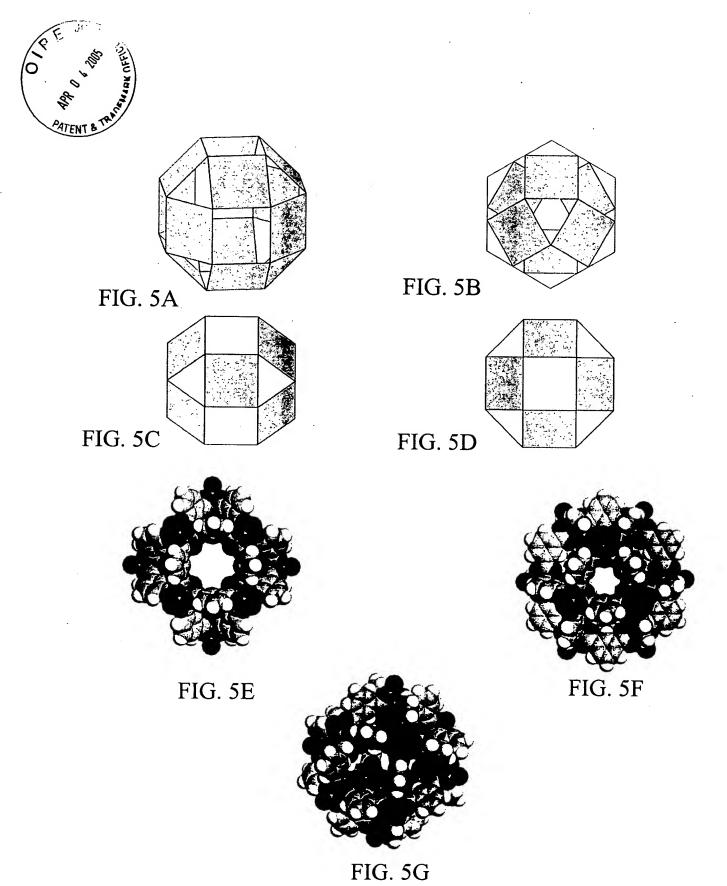
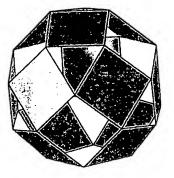


FIG. 4









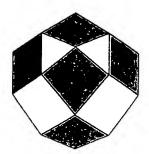


FIG. 6B

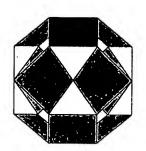


FIG. 6C

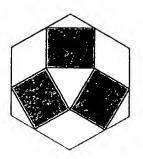


FIG. 6D

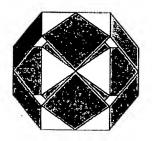


FIG. 6E

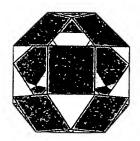


FIG. 6F

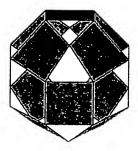


FIG. 6G

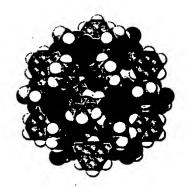


FIG.6H

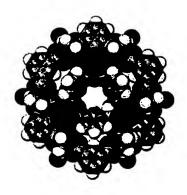


FIG.6I

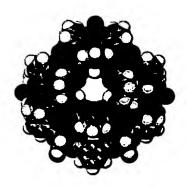


FIG.6J



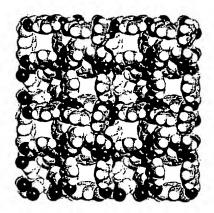


FIG.7A

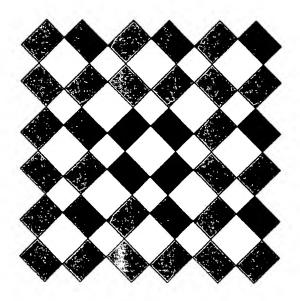


FIG.7B

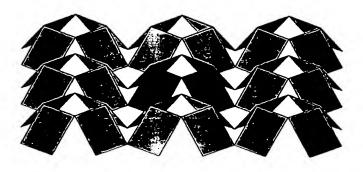


FIG.7C



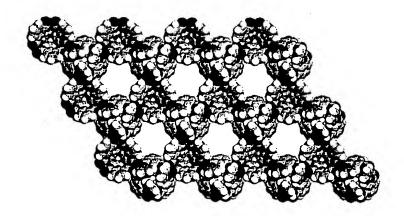


FIG.8A

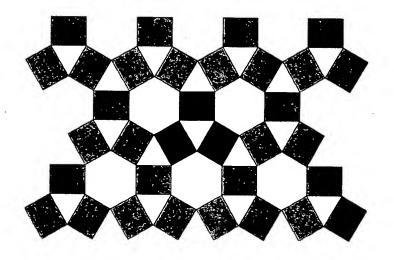


FIG.8B



FIG.8C



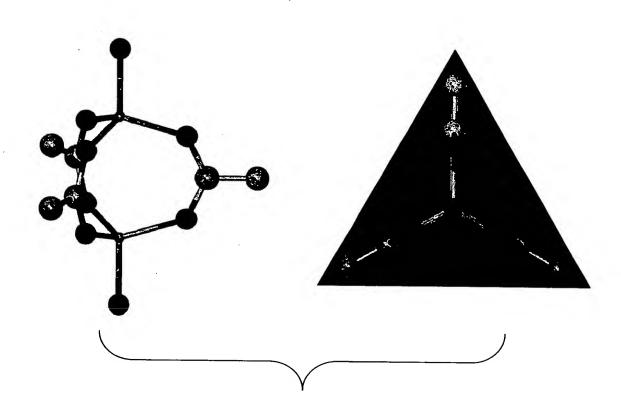


FIG. 9





FIG.10A

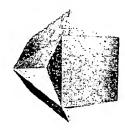


FIG.10B



FIG.10C



FIG.10D



FIG.10E

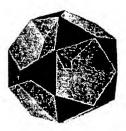


FIG.10F



FIG.10G

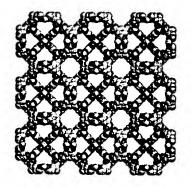


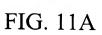
FIG.10H



FIG.10I







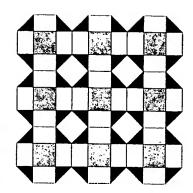


FIG. 11B

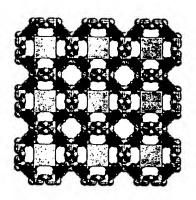


FIG. 11C

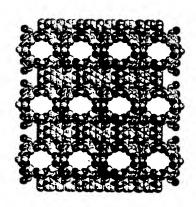


FIG. 11D

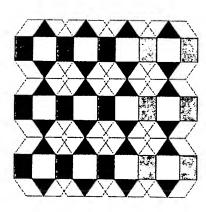


FIG. 11E

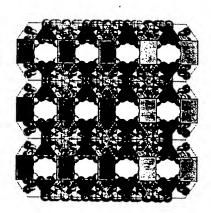


FIG. 11F



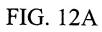




FIG. 12B

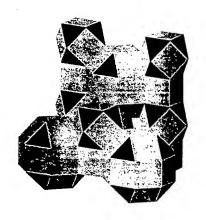
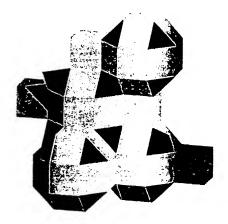


FIG. 12C





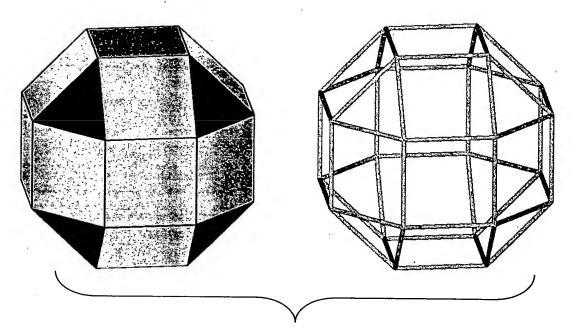


FIG. 13A

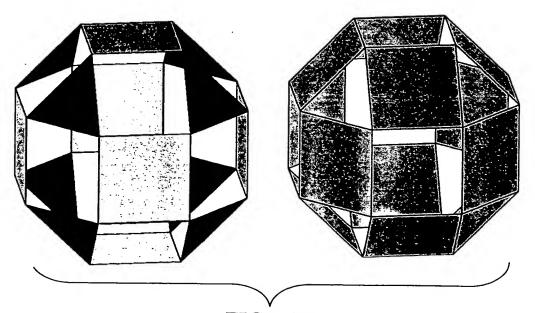


FIG. 13B



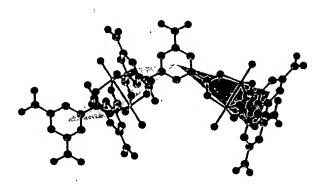


FIG. 14A

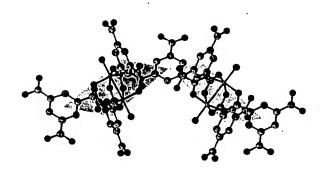
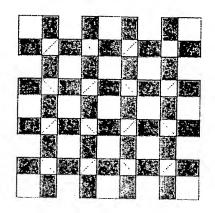
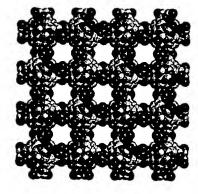


FIG. 14B







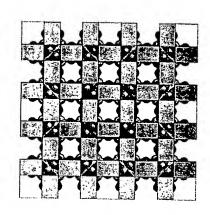
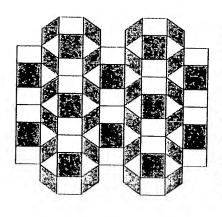
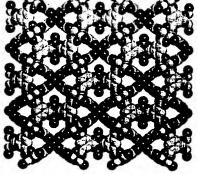


FIG. 15A

FIG. 15B

FIG. 15C





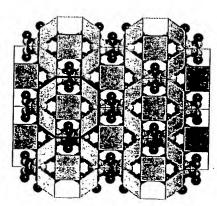


FIG. 15D

FIG. 15E

FIG. 15F

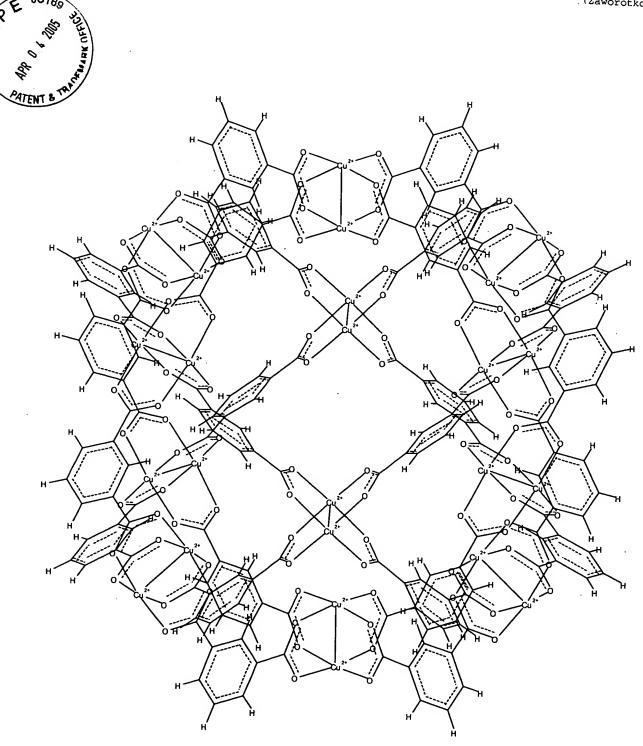


FIG. 16

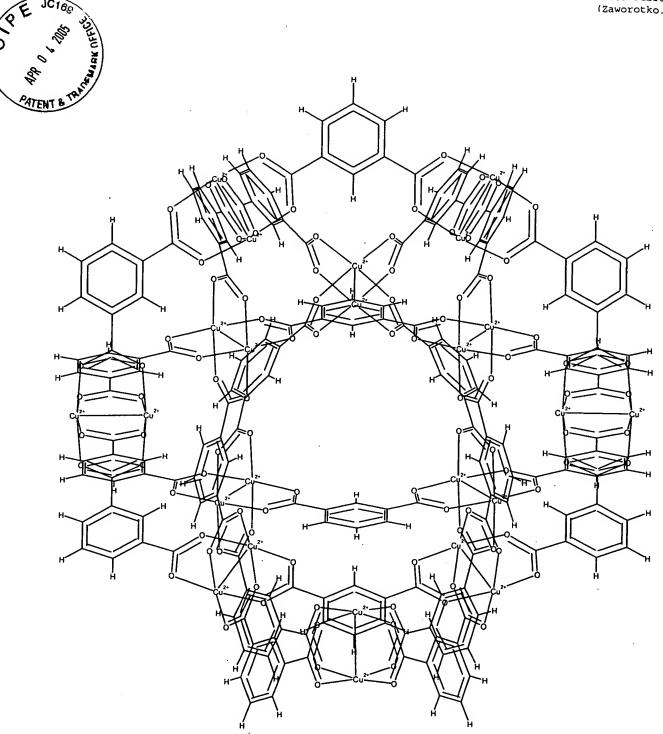


FIG. 17



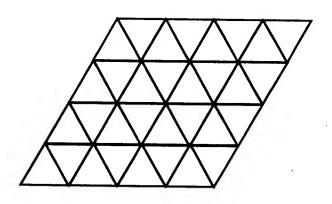


FIG. 18A

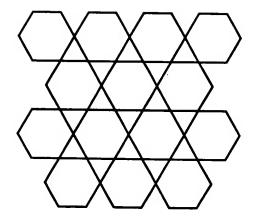


FIG. 18B



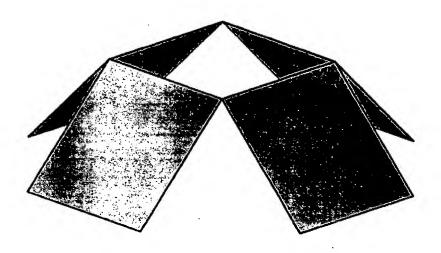


FIG. 19A

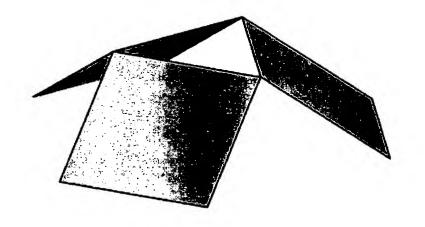


FIG. 19B



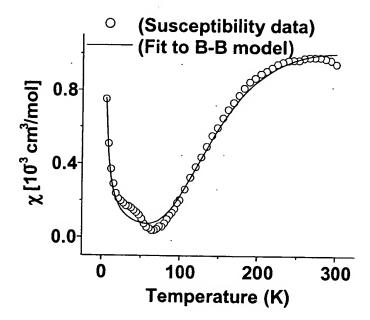


FIG. 20A

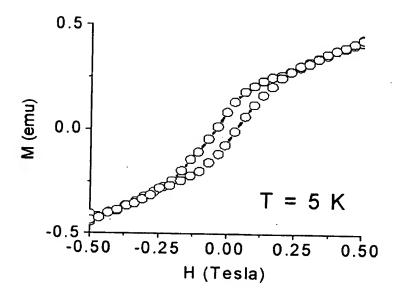


FIG. 20B



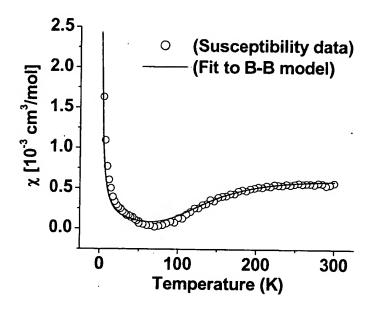


FIG. 21A

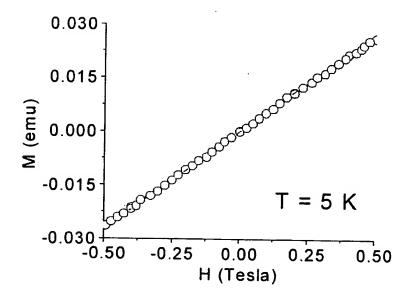


FIG. 21B



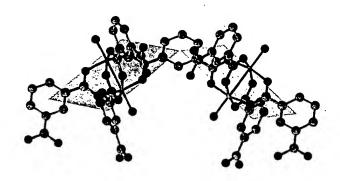


FIG. 22

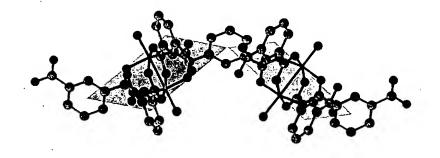


FIG. 23



FIG. 24A

$$O \longrightarrow N-CH_3$$

Actually 72°, but can sustain distortion to 90° (proven by molecular modelling experiments)

FIG. 24B

FIG. 24C



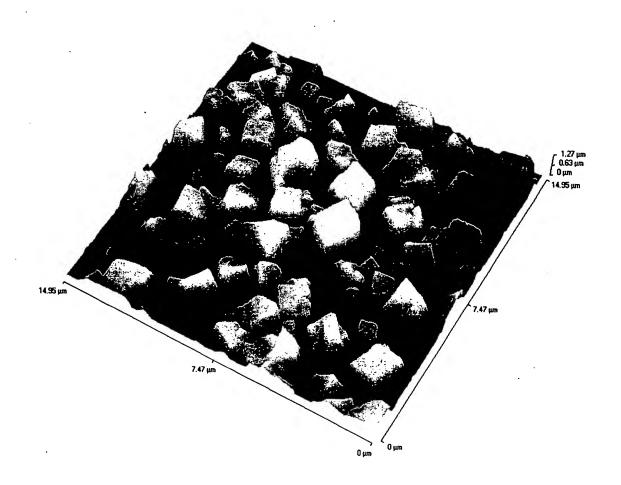


FIG. 25



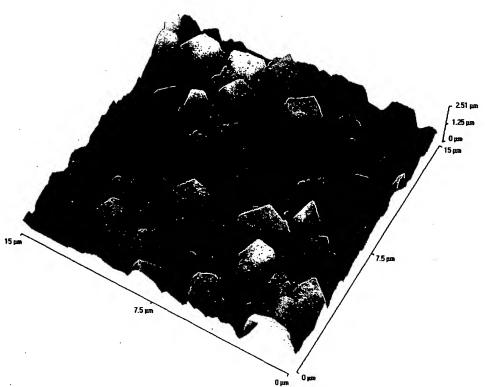


FIG. 26

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